

IN THE CLAIMS:

All of the pending claims 1, 2 and 4-24 are set forth below. The status of each claim is indicated with one of (cancelled) or (currently amended). Please AMEND claims 1, 2 and 4-24 in accordance with the following:

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1. (currently amended) A disk cartridge, comprising:
a case ~~for containing~~ to contain a disk; and
a transparent window member attachable to and detachable from the case ~~so as to~~ allow
an external light to access opposing surfaces of the disk in the case.
 2. (currently amended) The disk cartridge of claim 1, wherein the transparent
window member is installed such so that an outer surface of the transparent window member is
inwardly depressed relative to a surface of the case.
 3. (cancelled)
 4. (currently amended) The disk cartridge of claim 1, wherein the transparent
window member is formed of at least one of a glass and acryl.
 5. (currently amended) The disk cartridge of claim 1, wherein the transparent
window member is installed such so that an outer surface of the transparent window member is
level with a surface of the case.
 6. (currently amended) The disk cartridge of claim 1, further comprising:
a shutter which selectively opens and closes to reveal the transparent window member.
 7. (currently amended) The disk cartridge of claim 1, wherein the disk cartridge is
usable with a lens of a pickup, and the transparent window member has a width of at least W
corresponding to the following relationship:

$$W = \frac{2t \cdot NA}{n}$$

where t is a distance from an outer surface of the transparent window member to the disk, NA is a numerical aperture of the lens of the pickup which emits the external light and n is a refractive index of the transparent window member.

8. (currently amended) The disk cartridge of claim 1, wherein the transparent window member has a width of at least 0.8mm.

9. (currently amended) The disk cartridge of claim 1, wherein the transparent window member has a width of ~ 2mm.

10. (currently amended) The disk cartridge of claim 2, wherein the transparent window member is attachable to and detachable from the case, and is formed of at least one of a glass and acryl.

11. (currently amended) The disk cartridge of claim 10, wherein the disk cartridge is usable with a lens of a pickup, and the transparent window member has a width of at least W corresponding to the following relationship:

$$W = \frac{2t \cdot NA}{n}$$

where t is a distance from the outer surface of the transparent window member to the disk, NA is a numerical aperture of the lens of the pickup and n is a refractive index of the transparent window member.

12. (currently amended) The disk cartridge of claim 11, further comprising:
a shutter which selectively opens and closes to reveal the transparent window member.

13. (currently amended) A transparent window member for use in a disk cartridge having a case ~~for containing to~~ contain a disk, wherein the transparent window member is attachable to and detachable from the case and allows an external light to access opposing surfaces of the disk in the case.

14. (currently amended) The transparent window member of claim 13, wherein the transparent window member is formed of at least one of a glass or acryl.

15. (currently amended) The transparent window member of claim 14, wherein the disk cartridge is usable with a lens of a pickup, and the transparent window member has a width of at least W corresponding to the following relationship:

$$W = \frac{2t \cdot NA}{n}$$

where t is a distance from an outer surface of the transparent window member to the disk, NA is a numerical aperture of the lens of the pickup which emits the external light and n is a refractive index of the transparent window member.

16. (currently amended) The transparent window member of claim 15, wherein the transparent window member has a height such so that the outer surface of the transparent window member is one of inwardly depressed relative to and at level with a surface of the case.

17. (currently amended) The transparent window member of claim 16, wherein the transparent window member has a width of ~ 2mm.

18. (currently amended) The disk cartridge of claim 1, wherein the transparent window member is installed to the case so as to prevent an inflow of a foreign matter into the case.

19. (currently amended) A disk cartridge, comprising:
a case ~~for containing~~ to contain a disk, wherein the case includes upper and lower surfaces; and
a transparent window member having top and bottom surfaces, wherein the transparent window member is attachable to and detachable from the case so as to allow an external light to access opposing surfaces of the disk in the case through the top and bottom surfaces of the transparent window member.

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20. (currently amended) The disk cartridge of claim 19, wherein the transparent window member is installed ~~such so~~ that the top and bottom surfaces of the transparent window member are one of inwardly depressed relative to and level with the upper and lower surfaces of the case, respectively.

21. (currently amended) The disk cartridge of claim 20, wherein the transparent window member is attachable to and detachable from the case, and is formed of at least one of a glass and acryl.

22. (currently amended) The disk cartridge of claim 21, wherein the transparent window member is installed to the case ~~so as to~~ prevent an inflow of a foreign matter into the case.

23. (currently amended) The disk cartridge of claim 22, wherein the disk cartridge is usable with a lens of a pickup, and the transparent window member has a width of at least W corresponding to the following relationship:

$$W = \frac{2t \cdot NA}{n}$$

where t is a distance from the outer surface of the transparent window member to the disk, NA is a numerical aperture of the lens of the pickup and n is a refractive index of the transparent window member.

24. (currently amended) The disk cartridge of claim 23, further comprising:
a shutter which selectively opens and closes to reveal the transparent window member.